

NWS Form E-5 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS	HYDROLOGIC SERVICE AREA: Pocatello, Idaho
	REPORT FOR: MONTH: August YEAR: 2007
TO: Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	SIGNATURE Sherrie Hebert Service Hydrologist
DATE: September 16, 2007	
When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (NWS Instruction 10-924).	

X	An X in this box indicates that no flooding has occurred for the month within this hydrologic service area.
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August was not as hot as July; however, the big stories for the month focused on dry days and fires. Nearly two million acres have burned in Idaho this summer and will likely continue until the snow flies this fall.

Other Hydrologic Interests

Precipitation

Precipitation was below normal for all but three stations across the Pocatello HSA in August. The entire HSA received an average of 58% of normal precipitation in August for 39 of 43 reporting stations with climate data, according to Western Region Climate Center data. Only three stations received greater-than-normal amounts: Massacre Rocks with 184%, Malta at 126% and American Falls at 124%. In contrast, nearly one third of the stations received less than 25% of normal, with the Idaho Falls ASOS and Stanley receiving only 3% and 0%, respectively.

River Levels & Snowpack

River levels across the Pocatello HSA continue to run less than 50% of normal.

Drought

Eastern Idaho held its D2, "Severe," status on the Drought Monitor through the month. However, the Central Mountains deteriorated to a D3, "Extreme" in mid-August. No additional Eastern Idaho counties were added to the Idaho Emergency Drought Declaration list.

Reservoirs

The Upper Snake River reservoir system is at 14% of capacity¹, down 19% from August 7, 2007².

Reservoir	% Capacity July 31 ³	% Capacity August 31 ⁴	Percent Change	% of Average ⁴	% of Last Year ⁴
American Falls	22	3	-19	7	13
Bear Lake	34	M	n/a	M	M
Blackfoot	32	25	-7	41	56
Henry's Lake	88	82	-6	95	88
Island Park	41	24	-17	44	42
Little Wood	14	2	-12	6	4
Mackay	30	6	-24	26	17
Magic	23	8	-15	19	13
Oakley	38	29	-9	87	56
Palisades	31	18	-13	24	30
Ririe	69	62	-7	85	74
Lake Walcott	101 ²	56 ¹	-45	n/a	n/a
Milner	99 ²	92 ¹	-7	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR), September 16, 2007; (2) BOR, August 7, 2007; (3) NRCS, July 31, 2007; (4) NRCS, August 31, 2007.

August 2007 Hydrologic Product Summary

No hydrologic products were issued in August.

cc: Daniel Matusiewicz, Western Region WFO Hydrology Program Manager
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Drought Monitor Mailing List
Pocatello WFO Forecasters and HMTs